NEW PRODUCT

SFP+ copper cable assemblies

DAC-10G-SFP-0xM

Direct Attached Copper Cable Assemblies for 10Gig Networks

The SFP+ copper cable assemblies were developed specifically as a cost-effective and low power alternative to optical cables and optical SFP+ modules for short reach links in high-speed interconnect applications.

Features

- Supports data transfer rates up from 1Gbps up to 10+ Gbps
- Ideal for high speed interconnects in enterprise networking, storage area networks, and at service provider customer hand-off points
- Combines twin-axial shielded cable configurations with robust die cast housings for enhanced support of high frequency data rates
- Impedances matched to ensure interoperability and minimize EMI leakage through their fully-shielded design
- Standard SFP+ latch interoperable with all compliant interfaces

Applications

- InfiniBand SDR, DDR, and QDR
- Ethernet 1G and 10G
- Fiber Channel 8G and 10G
- FCoE 10G
- Networking
- Storage
- Hubs, switches, routers, servers, NICs

Specifications

Standards	Electrical: SFF-8431, SFF-8083 Mechanical: SFF-8432 EEPROM: SFF-8472
Electrical	Min. Dielectric Withstand Voltage: 300VDC Insulation Resistance: 1000Mohms Current Rating: 0.5 Amp Min/Signal Contact
Operating Temperature	-10° to 70° degrees C (14° to 158° degrees F)
Flammability Rating	UL 94 V-0
Green Features	RoHS, Lead Free
Shield	Braid/Foil
Plug	Backshell Material: Nickel-Plated Zinc Diecast Contact material: PCB with Gold-Plated Pads Plastic Material: LCP Latch: Positive Latching w/ Lanyard Pull
Cable	Conductor: Solid Wire Gauge: 30 AWG to 24 AWG Impedance: 100+/- 5 ohms Construction: Twin axial Cable ODCable 30 AWG = 4.45mm (0.175 in) 28 AWG = 4.7mm (0.185 in) 24 AWG = 5.7mm (0.255 in) Jacket Type: PVC Bend Radius: 5x Cable OD
Compatibility	MSA Compliant: Cables are compliant with Multi Sourcing Agreement compliant SFP ports Cisco Compatible: Starting with Cisco NX-OS Software release 4.1(3)N2.1, these cables will function properly with the Nexus 2000 and 5000 series switches
Shipping Weight	1 lb. [0.45 kg]
Warranty	Lifetime

Ordering Information

DAC-10G-SFP-01M
10Gig Direct Attached SFP+ copper cable, 30 AWG, 1 meter

DAC-10G-SFP-03M
10Gig Direct Attached SFP+ copper cable, 30 AWG, 3 meter

DAC-10G-SFP-05M
10Gig Direct Attached SFP+ copper cable, 28 AWG, 5 meter

DAC-10G-SFP-07M
10Gig Direct Attached SFP+ copper cable, 24 AWG, 7 meter